

CLAIMS

1. A communication system having an authentication function using authentication information and enabling communications to be conducted at least between two communication machines, the communication system comprising:

a communication section for wirelessly supplying the authentication information to at least one of the at least two communication machines.

2. The communication system according to claim 1, wherein the communication section is installed in the specific communication machine of the at least two communication machines.

3. The communication system according to claim 2, wherein the communication section installed in the specific communication machine supplies the authentication information to the communication machine other than the specific communication machine, of the at least two communication machines.

4. The communication system according to claim 1, wherein the communication section is installed separately from the at least two communication machines.

5. The communication system according to claim 1, wherein the communication section comprises an external interface and receives the authentication information via the external interface.

6. The communication system according to claim 5, wherein the communication section receives the authentication information retained on a memory card connected to the external interface via the external interface.

7. The communication system according to claim 1, wherein the at least one communication machine comprises:

a function of performing authentication with the communication section using first authentication information uniquely predetermined for each communication machine; and

a function of performing authentication between the at least two communication machines using second authentication information different from the first authentication information.

8. The communication system according to claim 1, wherein the authentication information includes:

fixed authentication information predetermined for each communication machine and used between the communication

section and the at least one communication machine; and
variable authentication information generated
arbitrarily and used for communications between the at least
two communication machines.

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9. The communication system according to claim 1, wherein
the authentication information is address information or
password information of the communicating party.

10 10. The communication system according to any one of claims
1 to 9, wherein the communications between the at least two
communication machines or communications between the at least
one communication machine and the communication section are
wireless communications conforming to Bluetooth standard.

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11. A communication method having an authentication function
using authentication information and enabling communications
to be conducted at least between two communication machines,
the communication method comprising:

20 a supplying step of wirelessly supplying the
authentication information to at least one of the at least two
communication machines.

12. The communication method according to claim 11, wherein
25 the supplying step is executed between the specific

communication machine of the at least two communication machines and the communication machine other than the specific communication machine, of the at least two communication machines.

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13. The communication method according to claim 11, wherein the method further comprises a first authentication step of authenticating the at least one communication machine using first authentication information uniquely predetermined for the at least one communication machine, and

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wherein, if the at least one communication machine is authenticated in the first authentication step, the authentication information is supplied to the at least one communication machine.

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14. The communication method according to claim 13, wherein the method further comprises a second authentication step of authenticating the at least two communication machines using second authentication information different from the first authentication information received by the at least one communication machine.

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15. The communication method according to any one of claims 11 to 14, wherein the communications between the at least two communication machines or communications with the at least one

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communication machine are wireless communications conforming to Bluetooth standard.

16. A communication machine having a function of performing authentication as to whether or not mutual communications can be conducted using authentication information and starting communications after the authentication, the communication machine comprising:

means for wirelessly acquiring the authentication information.